FORM L1-2397½ LONG OFFICE SUPPLY CO. — MIAMI

DEPARTMENTAL CORRESPONDENCE

DATE 1 September 1962

SUBJECT Pay periods

TO T. H. Holm DEP'T

FROM E/ B. Lilly DEP'T Personnel

Your starting date of employment at the Communication Research Institute is 1 September 1962. Your annual rate of salary is $3600.00 ($300.00 per month)

Our pay periods are on a monthly basis; i.e. salary checks are issued at the end of the month for that period. (Your first check will be issued on 28 September 1962 and will cover the period from 1 September through 30 September.

E B Lilly.

PAYROLL SLIPS. Stapled Ascendingly.

NATIONAL
46-110

EARNINGS AND DEDUCTIONS FOR PERIOD ENDING
31 January 19 63

EMPLOYEES NAME Theodore H. Nelson

SOCIAL SEC. NO. 076-26-4990

YOUR TOTAL EARNINGS ARE	300	00
DEDUCTIONS ARE AS FOLLOWS:		
FOR OLD AGE BENEFITS	10	88
UNEMPLOYMENT INS.		
FEDERAL WITHHOLDING TAX	44	00
STATE WITHHOLDING TAX		
U. S. SAVINGS BONDS		
FOR		
FOR		
FOR		
YOUR TOTAL DEDUCTIONS	54	88
YOUR NET PAY	245	12

EMPLOYER

FOR		
YOUR TOTAL DEDUCTIONS	53	38
YOUR NET PAY	246	62

EMPLOYER Communication Research Institute

FOR Week off:		
FOR November 19		
YOUR TOTAL DEDUCTIONS	41	53
YOUR NET PAY	203	09

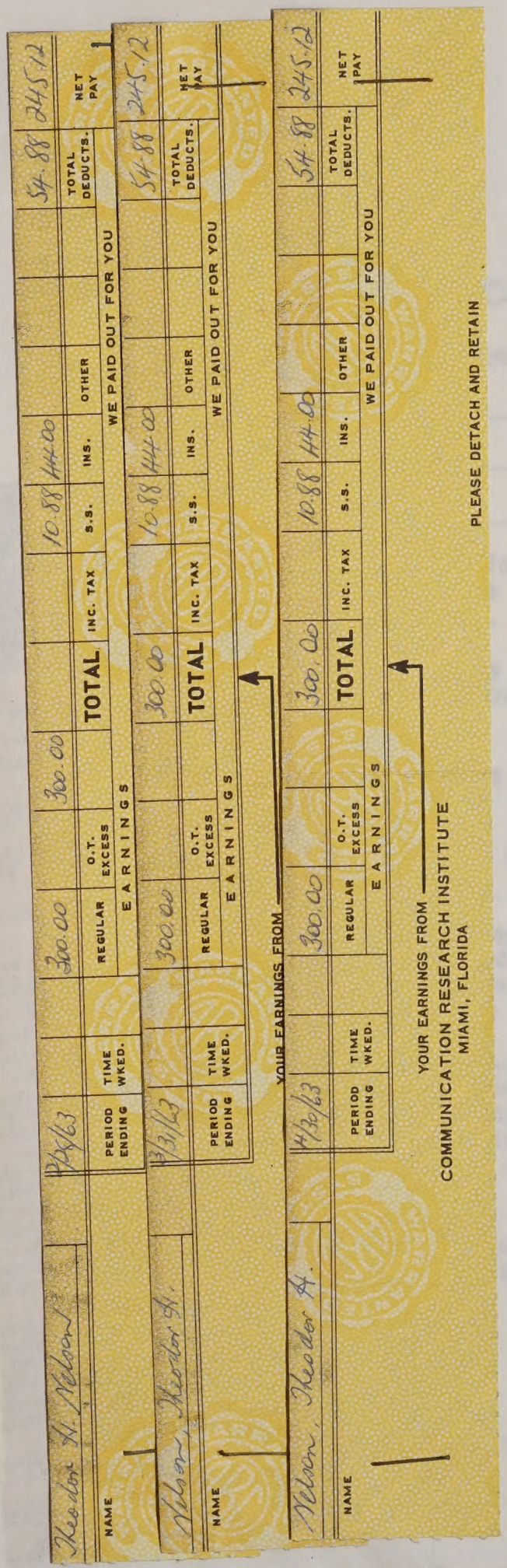
EMPLOYER Communication Research Institute

FOR		
YOUR TOTAL DEDUCTIONS	53	38
YOUR NET PAY	246	62

EMPLOYER Communication Research Institute

Date

Employee's Signature



15 Oct. 1962

Dear Ted,

This was from yesterday's New York Herald Tribune.
and I thought you would like to see it.

ebl

d;
za

ard Good-
John Good-
ounsellor of
Embassy in
, and Mrs.

o be, daughter
zio Pinza, opera
graduated from
Hall, attended
ege, Chateau Beau
ontreux, Switzer-
Mercede, Florence,
d is attending the
ama School. She is
nddaughter of Mrs.
H. Leak, of Stam-
onn., and the late Dr.
nd of the late Mr. and
Cesare Pinza, of Bolo-
taly.

Goodyear was grad-
from Phillips Academy,
ver, Mass.; attended
bury and Imperial
ice College, Hertford,
land, and is attending
e University. He is a
ndson of Mrs. Bradley
odyear of Buffalo and
operstown, N. Y., and the
te Mr. Goodyear and the
te Mr. and Mrs. John
wsley, of New Haven, Conn.

The couple will be married
ext June 16.

Judith W. Flinn To Be Married Next January

SCARSDALE, N. Y.

Mr. and Mrs. Waldo Raymond Flinn, of Scarsdale, have announced the engagement of their daughter, Miss Judith Damren Flinn, to Mr. George Tapley Taylor jr., son of Mr. and Mrs. Taylor, of Saddle River, N. J. A January wedding is planned.

Miss Flinn was graduated in 1958 from Centenary College for Women, received the B.S. degree from Columbia University and was graduated from its School of Nursing.

Mr. Taylor attended Rutgers and Fairleigh Dickinson Universities. He is with the Grand Union Co. in East Paterson, N. J. His father is Mayor of Saddle River.

Mr. Noye to Wed t Welch

TON.

GREENE & ROSSI

Mrs. Donald S. Stralem, left, and Celeste Holm at a committee meeting in behalf of the luncheon to be held on Thursday to open a fund drive for the Lighthouse.

Lighthouse Fund Drive To Open With Luncheon

Members of the Lighthouse benefit committee have arranged a luncheon to be held on Thursday at the Plaza to open a campaign for funds.

Mrs. Donald S. Stralem is benefit chairman, and among those assisting her are Mrs. Howard S. Cullman, Mrs. Norton Mailman, Mrs. John A. Treat and Miss Celeste Holm.

A fashion show, staged by sportswear designer Bonnie Cashin, will be a special feature of the luncheon. Models will display "Lighthouse Quality Products" which have been manufactured by the blind men and women employed at Lighthouse Industries.

The Lighthouse is seeking $1,067,300 to enable the agency to maintain its twenty-nine free services to more than 5,800 blind men, women and children in the metropolitan New York area.

Also on the luncheon program will be the presentation of the Lighthouse Distinguished Service Award to Miss Mary Switzer, Director of the Division of Services to the Blind of the Office of Vocational Rehabilitation in Washington.

Beatrice Minkus To Wed Dr.

Lt. Schott to Wed Jean Corcoran

HUNTINGTON, L. I.

Mr. and Mrs. Charles Corcoran, of Huntington, announced the engagemer their daughter, Miss Jean ris Corcoran, to Lt. Paul Schott, of the Army, son and Mrs. J. Dale Scho Altoona, Iowa.

The bride-to-be is a uate of Marymount Tarrytown, N. Y., and graduate of Rosemon in Pennsylvania. Her a vice-president of table Life Assur and her moth man on t Huntin

Anne To C

Mrs. Mary New York Conn., and Reed, of Ro announced their dau Meredith Henry Fi Mr. and worth S formerly Miss H of the l eric W.

FORM L1-2397½ LONG OFFICE SUPPLY CO. — MIAMI

DEPARTMENTAL CORRESPONDENCE

DATE 26 September 1962

SUBJECT REQUISITIONING OF SUPPLIES AND EQUIPMENT

TO All staff members. DEP'T

FROM J.C.Lilly DEP'T

Requisition forms for all supplies and equipment must be submitted for approval before supplies or equipment can be purchased. Please fill out the requisition form in duplicate as fully as possible, including price and vendor.

Items having to do with laboratory maintenance will be submitted to Frank S. Essapian. All other items are to be submitted to the Purchasing Office (E.B.Lilly) for processing.

There is a supply of requisition forms in the laboratory as well as in the office and these are available through the secretary.

After the order has been sent out the duplicate of the requisition will be returned to you indicating the number of the purchase order that was sent.

The material will be received in the office and you will be notified upon receipt. The shipping slip which you receive with the material must be signed by you and returned to the Purchasing Dept. in order for the Institute to honor the invoice. Items of stationery, lab. notebooks, etc. must be requisitioned in the same manner. J.C.L.

FORM L1-2397½ LONG OFFICE SUPPLY CO. — MIAMI

DEPARTMENTAL CORRESPONDENCE

DATE 28 September 1962

SUBJECT Key to laboratory

TO B. Locke T.H.Nelson DEP'T

FROM J.C.L. DEP'T

Mr. Essapian will make a key to the laboratory door available to you, upon receipt of $1.00 deposit fee.

This key is to be used during the regular laboratory hours only (0800 to 1700 hrs.) and is intended primarily for you to gain access to the South area of the laboratory. This door is to be kept locked at all times, and it will be up to you to be sure that you lock it when you enter or leave this part of the laboratory. Infraction of this rule will result in withdrawal of the key.

The procedure for obtaining permission regarding requests for visitors to the laboratory remains the same, i.e. requests must be cleared through the Director's Office.

J.C.L.

18 Sept.

Book coming: Employee's Manual.
Lab hrs now 8-5; noon 12-1.
~~Essapian~~ in charge of FEEDING, FEEDING PROCEDURES, HOURS.
Requisition forms must go through Essapian to Lilly.
Research and instruments go through Lilly.

CS: Sissy, GN: Elvar, BL: Cheecha, TN: Mother & Baby.

Requests to record go through JCL.
Recorders & sonic apparatus to be rationalized for the simplification of varied recording procedures.

Reports to be 'detailed,' but No More Than One Page double space.

CHECKLISTS ON ANIMALS TO GO IN FRONT OF PROTOCOL BOOK.

Elvar & Cheecha learned to eat dead fish at Marathon, where there was room; then learned to swim in small tanks.

Nudging behavior, Young Male → Old Bull, had taken place between Baby → Lizzie.

5 Sept.

obtain ★ { RADIO AMATEUR's HANDBOOK
& know Ch 2-4, 9-11, 21, 25
as well as tube connexion charts at back:
HOW TO FIND.

EXAM 6 wks.

WE GET Cath.-ray oscilloscope; multipurpose meter; & set will expand.

Müller, ~~& Bass~~ Garman, Droz, Experimental Electronics
1-42, 87-202, 237-271, 293- and BUT RETAIN WHITE BOOK.
Do problem-sets.

Ryder, Electronic Fundamentals and Applications.
Both a text & refbk.
Ch. 3-5 (Intro.,) 6-10, 13-16

★ Harvey Pollack, Transistor Theory & Circuits Made Simple.

Shockley, ~~~ Transistors

★ Receiving-tube handbook (from RCA etc.) giving characteristic curves.

Electrophysiology. PICKUP & STIMULATION OF BRAIN & MUSCLE STUFF

Acoustics. 'Production, propagation, reception' in all media.
Rayleigh, 'Classical work on acoustics' → 2 vols. REQS. CALCULUS
HANDBOOK OF SOUND. (2 vol.)

Speech & Hearing. OVERLAPS BOTH.
Stevens & Davis (in Handbook of Psych.) chh. on acoustics
von Bekesy (now a single volume)

5 Sept ②

SPECIAL CETACEAN BIBLIOGRAPHY
board for summer students.
NB Remington Kellogg. The Archeocoti.
Frederick True, The Evolution of the Delphinidia

ANATOMY
Norman & Frazer, Hbk of Great Fishes & Dolphins
Howell, Aquatic Mammals

SPEECH
Potter, Visible Speech
Fletcher, Speech & Communication (NB review of above, ch 1-5)
(4 reprints, specialized)

ULTRASONICS
W Kellogg, Porpoises & Sonar
Handbook of Sonar
Lawrence & Schevill, Anatomy & the Dolphin's Nose

WHAT'S HAPPENING.
Ginger is cataloguing the tapes, Alice
TO TRAIN SELVES ON HEARING WORDS, CODING THEM.

5 8 1 3

Dr Lilly working on CONVERSION.

They're using:

Our band: 100 - 4500

'Their' band: ? → 12 kc

FORM L1-2397½ LONG OFFICE SUPPLY CO. — MIAMI

DEPARTMENTAL CORRESPONDENCE

DATE 6 September 1962

SUBJECT

TO F. Essapian, B. Locke, A. Miller, V. Nadel, T. Nelson, C. Severn DEP'T

FROM J.C.Lilly, Director DEP'T

It will be necessary for each member of the Staff to furnish the Director with a written report of progress made on his research project on the first and fifteenth of each month.

J.C.Lilly
Director

FORM L1-2397½ LONG OFFICE SUPPLY CO. — MIAMI

DEPARTMENTAL CORRESPONDENCE

DATE 7 Sept 62

SUBJECT LIBRARY

TO F.S.Essapian
Ben Locke DEP'T

FROM A.M.Miller
V. Nadel
T. Nelson
M. Ogletree
E. Scully DEP'T

LIBRARY HOURS: 0830 - 1630

Access to library is through door at South Wing, 3908 Main Highway. Books, periodicals, newspapers, and reprints are to remain in library; no exceptions.

John C. Lilly, M.D.
Director

FORM L1-2397½ LONG OFFICE SUPPLY CO. — MIAMI

DEPARTMENTAL CORRESPONDENCE

DATE 1 September 1962

SUBJECT Library

TO T. H. Nelson DEP'T

FROM J. C. Lilly DEP'T

Library Hours: 0830 - 1630

Access to library should be made through door at South Wing, 3808 Main Highway.

Books, periodicals, newspapers, and reprints are to be perused in the library and not removed.

J. C. L.

FORM L1-2397½ LONG OFFICE SUPPLY CO. — MIAMI

DEPARTMENTAL CORRESPONDENCE

DATE 26 September 1962

SUBJECT

TO B.Locke T.H.Nelson ~~A.M.Miller~~ ~~V. Nadell~~ DEP'T

FROM John C. Lilly, M.D. DEP'T

It is noted that your report due in my office on 15 September has not been received. When may I expect the report.

The next report for the period 15-30 September is due on Monday, 1 October 1962.

J.C.L

1 Sept. 1962

Theodor Nelson

Please have a copy of your university transcript of record sent to us for our files.

Thank you.

EBL

1 September 1962

T. Nelson

Please complete the attached forms and return to Mrs. Lilly.

(Social Security; Application for Employment)

FORM S.F. 1 Rev.
(Ætna Form C-2382)

OWN COPY

EMPLOYER'S FIRST REPORT OF INJURY
FLORIDA INDUSTRIAL COMMISSION, Tallahassee

REPORT ALL DEATHS BY TELEPHONE OR TELEGRAPH WITHIN 24 HOURS

Complete and send immediately to CLAIM DEPARTMENT
THE ÆTNA CASUALTY AND SURETY COMPANY
P. O. Box 35794, Riverside Station, Miami 35, Fla.

Carrier File Number

Case Number

EMPLOYER

1. Name Communications Research Institute — Unemployment Compensation Account No. 23-C8928
2. Mail address 3908 Main Highway, Miami 33 Florida — Phone: #1-4-7823
   (No. and street) (City or town) (State)
3. Nature of business Research
   (Manufacturing shoes, retailing men's clothes, trucking for hire, etc.)
4. Name of workmen's compensation insurance company Ætna Casualty & Surety Company

INJURED EMPLOYEE

5. Name Theodor (First name) Holm (Middle name) Nelson (Last name) Social Security No. 076-26-4990
6. Home address 2328 S.W. 17th Street (No. and street) Miami 45 (City) or (Town) Florida (State)
7. Age 25 8. Sex: Male ✓ Female ____ 9. Marital Status: Married ____ Single ✓ 10. Race: White ✓ Colored ____
11. Occupation (job title) Research Assistant Department ____
12. No. of hours worked per day 8; per week 40. No. of days worked per week 5
13. Wages: $____ per hour; or $____ per day; or $69.04 per week. If paid on other than a time basis, such as piece work or commission, enter actual average weekly earnings during last ____ weeks: $____ per week.
14. If board, lodging, or other advantages were furnished in addition to wages, state estimated weekly value: $____ per week.

THE ACCIDENT OR EXPOSURE TO OCCUPATIONAL DISEASE

15. Place of accident or exposure 3375 Dinner Key Dr., Miami (Number and street) (City or town) (County). Was it on employer's premises? Yes
16. What was the employee doing when injured? Walking around West dolphin pool.
    (Be specific. If he was using tools or equipment or handling material, name them and tell what he was doing with them.)
17. How did the accident occur? Stepped, lying on concrete floor, because lodged in rubber sole of zori sandal, penetrating sole of foot.
    (Describe fully the events which resulted in the injury or occupational disease. Tell what happened and how it happened. Name any objects or substances involved and tell how they were involved. Give full details on all factors which led or contributed to the accident. Use separate sheet for additional space.)

INJURY OR OCCUPATIONAL DISEASE

18. Describe the injury or disease in detail and indicate the part of body affected. Puncture of sole of left foot by rusty staple.
    (e. g.: amputation of right index finger at second joint; fracture of ribs; lead poisoning; dermatitis of left hand, etc.)
19. Name the object or substance which directly injured the employee. (For example, the machine or thing he struck against or which struck him; the vapor or poison he inhaled or swallowed; the thing he was lifting, pulling, pushing, etc.)
    Staple.
20. Date of injury or occupational disease: 16 Oct 62 Hour of day 10:30 AM Was employee paid in full for this day? Yes
21. Was employee unable to work because of the injury or disease on any day after the day of injury (including Sunday or any other day on which he would not usually work)? No If yes, give date last worked: Date: ____
22. Has employee returned to work? Yes If yes, give date: 16 Oct 62 At what wage? $____ per hour; or $____ per day; or $Same per week.
23. Did employee die?: Yes ____ No ✓. If yes, give date of death ____, and name and address of nearest relative.
24. Name and address of physician Jos. Stewart, M.D., 3384 Mary St., Cocowut Grove
25. If hospitalized, name and address of hospital ____
26. **IF EMPLOYEE DID NOT LOSE A WHOLE DAY OR SHIFT BECAUSE OF THE INJURY OR SUSTAIN A PERMANENT INJURY AND MEDICAL TREATMENT HAS BEEN COMPLETED, THIS IS THE ONLY REPORT REQUIRED IF TOTAL MEDICAL COST IS ENTERED HERE. $____**

Date of report 16 Oct. 62 Prepared by Theodor H. Nelson

Official position Injured employee

IF ITEM 26 IS COMPLETED, THIS IS THE ONLY REPORT REQUIRED, SEE INSTRUCTIONS

DO NOT WRITE IN THIS COLUMN

Employer Number

Carrier Number

Industry Number

Location County

Age

Sex

Accident Type

Agency of Injury

Agency Part

Body Location

Nature of Injury

Occupation

Time Charge

Type of Disability

Pay Lag

Status

Weekly Wage

Policy Year

Kind

Medical Cost (Kind 2)

Date of Accident

INSTRUCTIONS

A copy of this report should be kept by the employer and available for inspection by the Commission.

ITEM

EMPLOYER

1. Employer's name—Give name under which concern does business.
   Unemployment Compensation Account No.—This is the identification number used by the employer in paying his unemployment compensation tax for the location where the injured person is employed. Please enter the full account number.

2. Mail address—The address to which communications about this report should be sent.

3. Nature of business—Describe the kind of business carried on at the location where the injured person is employed.

INJURED EMPLOYEE

5. Name—Give full name as carried on payroll. Avoid initials, if possible.

6. Enter employee's current address to which communications about this case may be sent.

9. If widowed or divorced, check "single."

11. Occupation—Enter here the employee's regular job title, not the specific activity he was performing at the time of injury.
    Department—Enter the name of the department or division of the establishment in which the injured person is regularly employed even though he may have been temporarily working in another department at the time of injury.

12. Hours per day and days per week—Enter here the regular work schedule of the employee.

THE ACCIDENT OR EXPOSURE TO OCCUPATIONAL DISEASE

15. Place—If accident or exposure occurred on employer's premises, give address of plant or establishment in which it occurred. Do not indicate department or division within the plant or establishment. If accident occurred outside employer's premises at an identifiable address, give that address. If it occurred on a public highway or at any other place which cannot be identified by number and street, please provide place references locating the place of injury as accurately as possible.

16. Activity at time of injury—Do not use job titles or broad descriptive phrases. Describe specifically the particular task or activity being performed at time of injury. For example: Do not say "Was loading hand truck." Instead, say: "Was lifting a box of metal parts, weighing about 75 pounds, from the floor onto a four-wheeled hand truck. This involved raising the box about 10 inches and sliding it onto the truck."

17. How did the accident occur?—Please describe what happened in as much detail as possible. For example: "The hand truck was not blocked to prevent its moving. When he lifted the box and attempted to slide it onto the truck, the edge of the box struck the edge of the truck bed and the truck moved away. This threw him off balance and he dropped the box about 8 inches onto his left foot."

INJURY OR OCCUPATIONAL DISEASE

18. Describe the injury or disease—Please be as specific as possible, indicating all that is known about the injury at the time the report is prepared.

19. The object or substance which directly injured the employee—Name here the specific thing which inflicted the injury. For example: If the injury was a steam burn inflicted by steam escaping from a broken connection in a high-pressure steam line, name the steam as the thing which produced the injury, not the steam line or the broken connection.

21. Was employee unable to work because of the injury or disease on any day after the day of injury?—Note that this refers to the employee's physical ability to work regardless of the availability of work. For example: An employee in an establishment, which is regularly closed on Saturday and Sunday, is injured on Friday. If on Saturday, because of his injury, he is in fact unable to perform the duties of his job, the answer to this question should be "yes" even though he recovers in time to resume work at the regular starting time on Monday.

26. **If answer to item number 21 is no and the injured worker did not sustain a permanent injury and is no longer receiving medical treatment, enter the total cost of medical treatment in item number 26. If answer to item 21 is yes do not complete item number 26 but submit reports required by Regulations of Florida Industrial Commission.**

Meta-Memorandum 14 January 1963

To: John C. Lilly From: Theodor H. Nelson

You may expect the following documents from me. (I send this list because they have piled up further and further, and you ought at least to know what's in process.)

Recommendations on what editing equipment the Institute should purchase.

Recommendations on ~~storage~~ storage and strategies for use of films on hand and yet unmade; and, coordinately, a rough film script, "The Dolphin in the Laboratory," with budget and production schedule.

Recommendations on a sound camera or system.

Memorandum on the Delphinomobile, or Dolf-Kart.

Revised draft of "The Differences between Dolphins and Porpoises."

Memorandum, "On Motivating the Captive Intellect."

Memorandum 30 January 1963

To: John C. Lilly From: Theodor H. Nelson

Here is a script.

I can make the film in about four months, for about a thousand dollars. As written it could run from forty to sixty minutes, roughly in the class of Annapurna and Kon-Tiki.

Except in one or two cases, I am not specially attached to particular shots or items in the narration. However, there are many embedded relations in the script which have taken considerable thought.

The tone and style are as I think they ought to be. While it might be argued that the Institute should put out a "pure scientific" film, considering the films on hand it is hard to imagine what that might be. The question boils down to that of whether the narration shall be lucid, or pompous and sesquipedalian. I opt for the former.

The script has been written with impact in mind, and so is neither reserved nor staid. I have striven to avoid technicalities. There is hokum but it's all sincere. While the film may be above a few, it should be below nobody.

Memorandum 30 January 1963

To: John C. Lilly From: Theodor H. Nelson

Here is a script.

I can make the film in about four months, for about a thousand dollars. As written it could run from forty to sixty minutes, roughly in the class of Ahnapurna and Ama-Tika.

Except in one or two cases, I am not specially attached to particular shots or items in the narration. However, there are many embedded relations & in the script which have taken considerable thought.

The tone and style are as I think they ought to be. While it might be argued that the latitude should put out a "pure scientific" film, considering & the films on hand it is hard to imagine what that might be. The question boils down to that of whether the narration shall be lucid, or pompous and sesquipedalian. I opt for the former.

The script has been written with impact in mind, and so is neither reserved nor staid. I have striven to avoid technicalities. There is humor in it's all sincere. While the film should may be above a few, it should be below nobody.

MEMORANDUM TO OFFICE AND LABORATORY

30 January 1963

The correct spelling of my full name is

Theodor Holm Nelson

and has been so for over five months.

Best wishes,

MEMORANDUM

22 January 1963
(actually written and misfiled
7 November 1962)

To: John C. Lilly

From: Theodor H. Nelson

I would like to present some arguments in favor of the names I have ~~xxx~~ suggested for Baby and Mother, viz., "Squeedunk" and "Rotunda."

Both names are slightly condescending, as appears to be traditional for the purpose. This may serve to reinforce the sense of superiority of human over cetacean personnel.

However, each alludes to traits of the ~~xxxxxxx~~ individual. "Squeedunk" is what he does, that is, squeal and sink defiantly below the surface. By "Rotunda" it is suggested (but noncommittally) that she is stuck in that position, which we demonstrate good humor by admitting.

Furthermore, the names have the property, found in the best literary naming, of back-up connotation: "Squeedunk" is of course an companion name to "Podunk" and "Siwash," connoting provinciality or weeness of a sort. "Rotunda," gratuitously feminine in ending, suggests, in perhaps, besides roundness, symmetry and grace, redundancy, echo, voluminousness and filibuster, alls of which we recognize informally as delphinid traits. It has three rhythmic syllables, which might help non-human pronunciation.

It should be noted that a measure of literary whimsy is usually not lost on Funds administrators. While such names as Grumpy, Peewee, Pickle-Nose, etc., have a certain brute whimsical intent, the ~~xxx~~ strain expended in probing single-entendre is found depressing by many.

HOLD

Memorandum

6 Feb 63

To: John C. Lilly

From: Theodor H. Nelson

I would like to write an article ~~on~~ (and a little theory of strategy) applying Parsonian sociological theory ~~problems of dol~~ to dolphin social structure, dominance relations in the oceanarium, in the wild, and in our pools, and the problem of motivating them sustainedly in the lab. All this is under the explicit assumption that they're ~~very intelligent~~ intelligent to a near-human degree. Chuck tells me I need to ask permission to do so, so I am asking it.

Memorandum 6 Feb 63

To: John C. Lilly From: Theodor H. Nelson

Larry Kubie says he thinks he knows of possible sources of funds we could get specifically for making vault copies of our original color movies. This is very important. To sink so much into cameras and then throw away the films in repeated showings is incomprehensible. (While such a step will not make work-prints unnecessary, it eases the ~~xxxxx~~ tension of finally handling the originals.)

I urge that you write him about this. He wanted from you, in writing, the upper and lower limits of how much duplication we need. The figures are 15,000 and 5,000 feet, all 16mm color.

TN

Memorandum 6 Feb 63

To: John C. Lilly From: Theodor H. Nelson

Larry Rubie says he thinks he knows of possible sources of funds we could get specifically for making vault copies of our original color movies. This is very important. To sink so much into cameras and then throw away the films is repeated knowledge is incomprehensible. (While such a step will not make work-prints unnecessary, it eases the strain of finally handling the originals.)

I urge that you write him about this. He wanted from you, in writing, the upper and lower limits of how much duplication we need. The figures are 15,000 and 5,000 feet, all 16mm color.

TH

List Handed Out December 1962

Mr. Frank S. Kasapian
10480 S. W. 42nd Street
Miami 55, Florida
CA 6-4941

Miss Alice Marie Miller
c/o Samuel Marko
3431 Poinciana Avenue
Miami 33, Florida
HI 6-6931
P. O. Box 33-483
Miami 33, Florida

Miss Virginia Nadell
3130 S. W. 27th Avenue
Miami 33, Florida
HI 4-8571

Mr. Charles Severn
Crest Apartments
Apartment #5
3021 - 27th Avenue
Miami, Florida
444-4860

Mr. Benjamin C. Locke
Crest Apartments
Apartment #5
3021 - 27th Avenue
Miami, Florida
444-4860

Mr. Theodore Nelson
2328 S. W. 17th Street
Miami, Florida

Mr. Ernest W. Kelts
327 N. E. 1st Avenue
Miami 32, Florida
FR 4-7745

William Terrell: Janitor
11530 S. W. 141st Street
Miami 58, Florida
CE 5-0343

Miss Elizabeth A. Scully
3112 McDonald Street
Miami 33, Florida
HI 5-3325

Mrs. Margaret R. Oglesbee
100 Florida Blvd.
Miami 44, Florida
CA 6-1188

Mr. Montgomery L. Young
4070 Lybyer Avenue
Miami 33, Florida
661-6245

Dear Ted, 19 Dec 62

Please accept my apologies for opening your letter. I shall do better in the future. mo

NEEDED FOR FILM DEPARTMENT, Fiscal Year 1963-4. (1 March 63)

(While some of the 16mm and 35mm film listed are for use in St. Thomas, this does not necessarily represent the whole St. Thomas photographic budget. There are presumably items required for the darkroom there-- chemicals and printing papers-- which will have to be specified by Frank Essapian. Same goes for the small movie camera in use ~~him~~ there.)

15,000 feet color dupes of ~~xxxx~~ original films	2000.
100 rolls, 100 ft 16mm Kodachrome II Type A	850.
Development of above	360.
~~Duplicates of above~~	
Duplicates of above	1000.
50 rolls 36 exp Kodachrome II for Pentax	124.
Development for above	125.
Development of cut film on hand	25.
25 rolls Polaroid film (mixed speeds)	60.
5 rolls Polaroid color film	30.
Further duplicatgion of color films to be ~~xxxxx~~ released (to maintain full film library in addition to releasing films)	250.
Black leader for checkerboard printing of release films (must equal length of films released)	120.
Titling materials for release films	20.
Release prints of finished films (suitable to show to distributing agency)	1000.
Nagra III recorder	1400.
Rangertone or other synch head conversion job for tapes from above, on another recorder	300.
Sound reader, 16mm sprocketed, optical-magnetic	300.

Mr. Nelson, I paid postman 07 postage due

on this letter

mo

Chas.' Special Delivery of my bankbook, arriving afternoon of Monday 10 Sept.

Bolex 400' magazine conversion	350.
Mako Underwater Housing for Bolex	200.
Auricon Cine-Voice Camera, transistorized, w. battery pack, etc.	3000.x
400± foot magazine for above	205.
Arriflex 16mm camera with Matte-box & motor	2050.
	420.
Rangertone signal conversion for above (w electric slate)	820.
Zoom lens for above	820.
Sound blimp for above, w case, footage counter	2220.
400' magazine for above, with motor	330.
Frame shoulder-pod for all movie cameras	50.
Tripod with silicone pan head	370.
G-E Portable Cinema light (battery operated)	125.
Miscellaneous.	250.
	18,354.

Ted Nelson, This is your 35¢ change from the payment on flowers for Alice Miller's mother. Thank you very much Ted.

mo

Bolex 400' magazine conversion	380.
Make Underwater Housing for Bolex	200.
Auricon Cine-Voice Camera, transistorized, w. battery pack, etc.	3000.*
400ft foot magazine for above	208.
Arriflex 16mm camera with Maite-box & motor	2080.
	420.
Rangertone signal conversion for above (w electric slate)	828.
Zoom lens for above	820.
Sound blimp for above, w case, footage counter	2220.
400' magazine for above, with motor	380.
Frame shoulder-pod for all movie cameras	80.
Tripod with silicone pan head	370.
G-E portable Cinema light (battery operated)	125.
Miscellaneous.	250.
	18,554.

postage due

Special Delivery of my
to arrive afternoon of

T. Nelson

26 February 1963

TO: All Employees

We will be launching the Associates of Communication Research Institute in the next few weeks. Our aim is to interest as many people in our work as possible.

Membership in the Associates of Communication Research Institute starts at $50.00. Members will be kept informed of Institute activities through scientific reports, field trips, etc.

If you know of anyone (take a look at your Christmas card list or address book) who might be interested in the "Associates" please send their names to us (in the next week). We, in turn, will put them on our mailing list.

Thank you.

M. L. YOUNG

cc: M. Holland

26 February 1963

TO: All employees

We will be launching the Associates of Communication Research Institute in the next few weeks. Our aim is to interest as many people in our work as possible.

Membership in the Associates of Communication Research Institute starts at $30.00. Members will be kept informed of Institute activities through scientific reports, field trips, etc.

If you know of anyone (take a look at your Christmas card list or address book) who might be interested in the "Associates" please send their names to us (in the next week). We, in turn, will put them on our mailing list.

Thank you.

M. L. Young

cc: M. Holland

Memorandum 6 Feb 63

To: John C. Lilly From: Theodor H. Nelson

Larry Kubie says he thinks he knows of possible sources of funds we could get specifically for making vault copies of our original color movies. This is very important. To sink so much into cameras and then throw away the films in repeated showings is incomprehensible. (While such a step will not make work-prints unnecessary, it eases the ~~xxxxxx~~ tension of finally handling the originals.)

I urge that you write him about this. He wanted from you, in writing, the upper and lower limits of how much duplication we need. The figures are 15,000 and 5,000 feet, all 16mm color.

TN

OK Ted, please write letter for my signature
J. C. L.

Memorandum 8 Feb 63

To: John C. Lilly From: Theodor H. Nelson

(Written for Dr. Lilly's approval and signature. 8 March 1963.)

Dr. Lawrence Kubie
...
Towson, Maryland (?)

Dear Larry, Lawrence,

Ted Nelson tells me that you thought you might know a source of funds for making vault copies of our original 16mm color films. This would certainly be a good thing for us.

We have now some 15,000 feet of color movies. While they are not all of prime qaality, of course, for posterity's sake we ought to lock them all up and handle only copies. The low figure you told Ted you would also need is 5,000 feet-- the least we ought to duplicate.

We are also acquiring new film rather quickly-- at least 2500 feet a year. (A firm figure is unavailable due to the spasmodic nature of our filming requirements.) Any leads on a source of funds for safeguarding these investments would be greatly appreciated.

Regards,

John C. Lilly

TELEPHONE
HIGHLAND 4-9823
CABLE: COMRES

Ted Nelson, Film Department

COMMUNICATION RESEARCH INSTITUTE

3908 MAIN HIGHWAY
COCONUT GROVE
MIAMI 33, FLORIDA

21 March, 1963

Motion Picture Laboratories, Inc.
781 Main Street
Memphis 6, Tennessee

Dear sirs:

We have in hand some valuable Kodachrome stills in 16mm single-frame. It comes to some three feet, or under 200 pictures. We would like to get them blown up to 35mm color negative, in order to get prints made (we hope) inexpensively. Or, ~~if~~ depending on cost, we might also do this in black-and-white.

If you can help us in this, give us prices, or suggest alternate methods, we would appreciate hearing about it. Working with the 16mm movie camera is extremely convenient for taking a lot of stills in a hurry, but unfortunately nobody seems to be set up to handle prints for this conveniently, at a cost comparable to that from larger negatives.

Yours sincerely,

T. H. Nelson

TELEPHONE
HIGHLAND 4-9823
CABLE: COMRES

Ted Nelson, Film Department

COMMUNICATION RESEARCH INSTITUTE

3908 MAIN HIGHWAY
COCONUT GROVE
MIAMI 33, FLORIDA

21 March, 1963

Motion Picture Laboratories, Inc.
781 Main Street
Memphis 6, Tennessee

Dear sirs:

We have in hand some valuable Kodachrome stills in 16mm single-frame. It comes to some three feet, or under 200 pictures. We would like to get them blown up to 35mm color negative, in order to get prints made (we hope) inexpensively. Or, failing depending on cost, we might also do this in black-and-white.

If you can help us in this, give us prices, or suggest alternate methods, we would appreciate hearing about it. Working with the 16mm movie camera is extremely convenient for taking a lot of stills in a hurry, but unfortunately nobody seems to be set up to handle prints for this conveniently, at a cost comparable to that from larger negatives.

Yours sincerely,

MEMORANDUM 21 March 1963

To: John C. Lilly From: Theodor H. Nelson

I have some acquisitions to suggest for the library.

The journal Behavioral Science is toughminded but whimsical, with interest in computer models, theory of automata, games, war, and topics in psychology and sociology that won't fit in conventional places.

B.A.S.I.C., Biological Abstracts Subjects in Context, is free, from the publishers of Biological Abstracts. Apparently they have gimmicked and shuffled the titles for unusually quick reference. Even without also subscribing to Biological Abstracts, it would help on the bibliographical work that is going on.

The Remarkable Dolphin, by Henry Chapin ~~$2~~ (Scott) (Scott publishers) was reviewed in the New Yorker. It may only be a summary of Kirsiops work with pictures, but it might be good A) so people new to the Institute with no preparation can find out something, B) to find out what else the public's hearing.

Memorandum

26 March 1963

To: John C. Lilly

From: Theodor H. Nelson

There is an ad in Electronics World for a TV camera kit for $95.

Note that this ties in with the possible purchase of an Auricon single-system sound camera. Auricon advertises reliability for kinescope recordings. Advantages: no special lighting set-ups, or human-induced behavior. They don't know they're being watched. And ~~[illegible]~~ possible automatic camera triggering if desired.

Memorandum

To: John C. Lilly

26 March 1965

From: Theodor H. Nelson

There is an ad in Electronics World for a TV camera kit for $95.

Note that this ties in with the possible purchase of an Auricon single-system sound camera. Auricon advertises reliability for kinescope recordings. Advantages: no special lighting set-ups, or human-induced behavior. They don't know they're being watched. And frames possible automatic camera triggering if desired.

Memorandum 29 March 1963

To: Majry Holland From: Ted Nelson

This draft of the brochure doesn't seem right to me. I find it pressured, high-~~pressured~~, as well as awkwardly written. I am certain that the first paragraph will cause laughter in any reader who has read certain unsympathetic reviews of Man and Dolphin. Who says we don't "communicate" with them already? I also don't think we should give so much emphasis to the outer-space angle; it makes a fine aside, but is scarcely our main reason for being. And surely the notion of a "communication link with the creatures of the sea" (paragraph 4) presupposes a vast aquatic civilization, or something, and we will not be admired for making this leap of faith without more evidence.

To appeal to scientists or businessmen, I think it would gain dignity by being more modest and emphasizing conventional scientific aspects of our ~~prgt~~ programme, as well as simple necessities that aren't "scientific"-- like getting to know the animals. I think this approach would be more elegant, sophisticated and effective. (Compare the soft-sell ads in the Scientific American.) The present version is written down, in a way I would not do to anyone high in my esteem.

Here follows my own suggested draft of the "Invitation." If you see my point, let me know if you want me to work on the brochure itself.

Memorandum 29 March 1963

To: Mary Holland From: Ted Nelson

(Suggested revised version. 29 March 1963. TN.)

AN INVITATION TO MEMBERSHIP IN COMMUNICATION RESEARCH INSTITUTE

Dr. John C. Lilly's investigations of the dolphin, together with some awesome conjectures he has made about their possible capacities, may be found in his book Man and Dolphin (Doubleday, 1961; pocket edition, Pyramid, 1962.) He suggests that cetaceans-- in particular, dolphins-- may be more intelligent than man.

These ideas have received so much attention that both the evidence and the problems of research have been obscured. People tend either to assume that the superior intelligence of the dolphin has been established, or that it is inconceivable. Neither opinion is scientifically judicious at the present time.

It is certain, though, that the bottlenosed dolphin is one of the most fascinating creatures of the sea. A mammal and a small whale, its brain is larger and apparently more complex than the

(Suggested revised version. 20 March 1968. TN.)

AN INVITATION TO MEMBERSHIP IN COMMUNICATION RESEARCH INSTITUTE

Dr. John C. Lilly's investigations of the dolphin, together with some awesome conjectures he has made about their possible capacities, may be found in his book Man and Dolphin (Doubleday, 1961; pocket edition, Pyramid, 1962.) He suggests that cetaceans -- in particular, dolphins -- may be more intelligent than man.

These ideas have received so much attention that both the evidence and the problems of research have been obscured. People tend either to assume that the superior intelligence of the dolphin has been established, or that it is inconceivable. Neither opinion is scientifically judicious at the present time.

It is certain, though, that the bottlenosed dolphin is one of the most fascinating creatures of the sea. A mammal and a small whale, its brain is larger and apparently more complex than the

human brain. Its intelligence, communicativeness and natural affinity for man are well documented, from Greek legend to New Zealand beach.

However, the use to which men are putting these animals is considerably beneath their capacities: at most places they are either trained to jump through hoops (as in the seaside animal acts of the big aquariums,) or spied on with TV cameras (as in some research programs.) At Communication Research Institute uniquely, a solid and systematic program is at work to foster communication between man and dolphin at a higher level. To be sure, whenever man and dolphin confront each other, there is a natural communication-- an empathy which naturally becomes embroidered with gestures. But from all that we know so far (see Man and Dolphin) they are capable of a good deal more, and it is these leads of evidence that govern our laboratory programme.

Many possible gains from our research have been discussed. For instance, the gains to neurology and brain surgery from under-

standing a bigger brain should be great. Then again, perhaps there are intelligences beneath the sea who will play chess with us, help us wage war or eliminate it; perhaps the dolphins will tutor us for the Martians who are waiting. But to talk of the applications of science is selfish and conjectural. Our nation has learned the importance of basic research, and the unpredictability of where its fruits will fall. The intrinsic worth and excitement of our research is the important thing to us.

Because the animal himself is the center of our work, CRI cannot be said to have any single specialties. We do anatomy, neurology, electromyography, sound analysis, photography and swimming-- to mention a few. It takes money and time.

Communication Research Institute needs more scientists, technicians, equipment, supplies and facilities. And we want to broaden the base of interest in our work. There is a variety of forms of membership. Perhaps one interests you.

standing a bigger brain should be great. Then again, perhaps there are intelligences beneath the sea who will play chess with us, help us wage war or eliminate it; perhaps the dolphins will tutor us for the Martians who are waiting. But to talk of the applications of science is selfish and conjecturi. Our nation has learned the importance of basic research, and the unpredictability of where its fruits will fall. The intrinsic worth and excitement of our research is the important thing to us.

Because the animal himself is the center of our work, CRI cannot be said to have any single specialties. We do anatomy, neurology, electromyography, sound analysis, photography and swimming-- to mention a few. It takes money and time.

Communication Research Institute needs more scientists, technicians, equipment, supplies and facilities. And we want to broaden the base of interest in our work. There is a variety of forms of membership. Perhaps one interests you.

TELEPHONE
HIGHLAND 4-9823
CABLE: COMRES

COMMUNICATION RESEARCH INSTITUTE
3908 MAIN HIGHWAY
COCONUT GROVE
MIAMI 33, FLORIDA

AN INVITATION TO MEMBERSHIP IN COMMUNICATION RESEARCH INSTITUTE

Did you know that a communication breakthrough between man and the bottlenose dolphin is possible within the next few years?

Did you know that such a breakthrough will be invaluable when we are confronted with the problem of communicating with the inhabitants of outer space?

The book "MAN AND DOLPHIN", a best seller, by Dr. John C. Lilly, published by Doubleday and Company brings to life in fascinating detail the dramatic story of this new frontier of science. Have you read it?

The book describes one of the most unusual creatures of the sea - the bottlenose dolphin; a mammal with a brain size larger and more complex than the human brain. Laymen and scientists, alike, are impressed with the dolphin's intelligence, communication capabilities and natural affinity for man. Current laboratory research programs of Communication Research Institute may prove the dolphin is our most promising communication link with the creatures of the sea and outer space.

We urge your consideration of active participation in world communication research.

TELEPHONE
HIGHLAND 4-9823
CABLE: COMRES

COMMUNICATION RESEARCH INSTITUTE
3908 MAIN HIGHWAY
COCONUT GROVE
MIAMI 33, FLORIDA

AN INVITATION
TO
MEMBERSHIP IN
COMMUNICATION RESEARCH INSTITUTE

Did you know that a communication breakthrough between man and the bottlenose dolphin is possible within the next few years?

Did you know that such a breakthrough will be invaluable when we are confronted with the problem of communicating with the inhabitants of outer space?

The book "MAN AND DOLPHIN", a best seller, by Dr. John C. Lilly, published by Doubleday and Company brings to life in fascinating detail the dramatic story of this new frontier of science. Have you read it?

The book describes one of the most unusual creatures of the sea - the bottlenose dolphin; a mammal with a brain also larger and more complex than the human brain. Laymen and scientists, alike, are impressed with the dolphin's intelligence, communication capabilities and natural affinity for man. Current laboratory research programs of Communication Research Institute may prove the dolphin is our most promising communication link with the creatures of the sea and outer space.

We urge your consideration of active participation in world communication research.

Communication with planets in outer space is a basic science program which has intrigued the imagination and fired the enthusiastic cooperation of some of the most talented men of science of our day.

Research is People. Communication Research Institute needs more scientists, technicians, equipment, supplies and facilities. More important, we want to broaden the base of interest in our work. There are a variety of forms of membership. Select the type of membership that is the measure of your interest.

Communication with planets in outer space is a basic science program which has intrigued the imagination and fired the enthusiastic cooperation of some of the most talented men of science of our day.

Research is people. Communication Research Institute needs more scientists, technicians, equipment, supplies and facilities. More important, we want to broaden the base of interest in our work. There are a variety of forms of membership. Select the type of membership that is the measure of your interest.

Ted-

March 1961
October 1962
March 1963
} Issues of Cinematographer
February 1963

Have been removed from film cabinet and are checked out to Ginger for purchasing equip. for Dr. Lilly. Will return immediately when finished.

Thank You!

[signature]

4-4-63

DEPARTMENTAL CORRESPONDENCE

April 1, 1963

SUBJECT: Titling of films

FROM: Dr. J. C. Lilly

TO: Frank Essapian, St. Thomas office
Alice M. Miller, St. Thomas office
Ted Nelson, Miami office
Benjamin Locke, St. Thomas office
George Hunt, St. Thomas office

When taking motion pictures please indicate the following information at the beginning of each roll of film and at change of date or of action:

1. Date.
2. Geographic location, i.e. St. Thomas or Miami.
3. Identifying persons and/or animals by name.
4. Name of experiment where appropriate.

The above can be done by putting the information on the black board or sheet of paper and exposing several single frames. The paper or black board should also indicate the name of the Institute - C.R.I.

This is most important so that our files can be integrated with the notes and protocol books.

Mr. Ted Nelson

FORM L1-2397 LONG OFFICE SUPPLY CO. — MIAMI

DEPARTMENTAL CORRESPONDENCE

DATE 2 April 1963

SUBJECT Dr. John C. Lilly
Mrs. Lilly
Mr. Frank Essapian
PHOTO EQUIPMENT AND SUPPLIES

TO Ted Nelson DEP'T

FROM M. L. Young DEP'T

We have established contact with a local photo supply store (Habersin) who have agreed to extend cost plus 10% pricing in most cases.

In order to take advantage of this price schedule, we must anticipate our needs farther in advance and thus eliminate rush orders. On rush orders, the lower price schedule will not apply.

If you need film and photo supplies, order in advance, and allow at least 2 to 5 days delivery on film, and 1 - 2 weeks delivery on equipment in Miami.

Your cooperation is imperative.

1 February 1963

STANDARD PROCEDURES

REQUISITIONS AND WORK ORDERS

1. FORMS

Form #105

a. Original - White Accounting Copy

b. Duplicate - Yellow Originator's Copy

II. OBJECTIVE

To establish prompt requisitioning procedure for all purchase of materials, equipment, supplies and services. To ensure prompt delivery to the originator of goods.

III. PROCEDURE

A. Originator

1. Prepare Form 105

a. Typewriter or print legibly.

b. Complete the required data, including:

(1) Project No: indicate what department (Anatomy) etc.), applicable grant or contract, and Miami or St. Thomas.
(2) Date:
(3) Quantity:
(4) Description: describe article fully, giving all applicable details, i.e., order numbers, codes, stock numbers, etc.
(5) Unit Price: Fill out if current prices are available.
(6) Total: Extend prices if correct unit prices are available.
(7) End Use: describe in detail end use of goods.
(8) Requisitioned By: Originator's Name

c. Give the requisition to your laboratory manager.

B. Laboratory Manager

1. Check requisition for completeness.
2. Initial.
3. Forward to Miami Main Office.

NOTE: St. Thomas

a. When St. Thomas orders goods locally:

Type requisition, charge goods and when monthly statement is received (all monthly statements should be mailed to St. Thomas office for goods. St. Thomas orders locally) attach white requisition copy to monthly statement and mail to Miami. Keep yellow copy for St. Thomas files.

b. When Miami orders goods for St. Thomas:

C. Miami Main Office

1. Type Purchase Order Number on requisitions and return yellow copy to Lab manager.

Exception: Note 3a above.

D. Receiving Department (Lab Managers)

1. Miami

a. Upon receipt of goods note yellow requisition copy "Received" and show receival date.

b. Attach receiving slip to yellow requisition copy and return to main office.

2. St. Thomas

a. Goods ordered locally

1. Upon receipt of goods, note white and yellow copy of requisition "Received" and show receival date.

2. Attach receiving slip, and invoice, to white requisition copy and return to Miami.

3. File yellow copy.

B. Laboratory Manager

1. Check requisition for completeness.
2. Initial.
3. Forward to Miami Main Office.

NOTE: St. Thomas

a. When St. Thomas orders goods locally:

Type requisition, charge goods and when monthly statement is received (all monthly statements should be mailed to St. Thomas office for goods.- St. Thomas orders locally) attach white requisition copy to monthly statement and mail to Miami. Keep yellow copy for St. Thomas file.

b. When Miami orders goods for St. Thomas:

C. Miami Main Office

1. Type Purchase Order Number on requisitions and return yellow copy to lab manager.

Exception: Note 3a above.

D. Receiving Department (Lab Managers)

1. Miami

a. Upon receipt of goods note yellow requisition copy "Received" and show receival date.

b. Attach receiving slip to yellow requisition copy and return to main office.

2. St. Thomas

a. Goods ordered locally

1. Upon receipt of goods, note white and yellow copy of requisition "Received" and show receival date.

2. Attach receiving slip, and invoice, to white requisition copy and return to Miami.

3. File yellow copy.

b. Goods ordered for St. Thomas by Miami

1. Upon receipt of goods in St. Thomas note yellow requisition copy "Received" and show receival date.

2. File yellow copy.

E. Special Instructions - Miami Office

1. Goods ordered by Miami for St. Thomas

a. Upon receipt of goods in Miami, note White requisition copy "Received" and show receival date. Also note date and method of transshipment to St. Thomas.

b. Attach receival slip to white copy

c. File.

TED NELSON

MOTION PICTURE LABORATORIES, INC.

The Master Craftsmanship Your Film Deserves

781 South Main Street • WHitehall 8-0456 • Memphis 6, Tennessee

April 4, 1963

Ted Nelson Film Department
Communication Research Institute
3908 Main Highway
Coconut Grove
Miami 33, Florida

Dear Ted

You are right - that no one is really set up to make 35mm color or B&W negatives from 16mm stills. The primary reason is one of definition on the final print. In the past there have been so many complaints about quality on the final print - and the complaints have narrowed down to a difference of opinion on sharpness - that a lot of those who used to do it dropped the service. George Colburn's Laboratory at 164 North Wacker Drive in Chicago may do this or know where it could be done today. I wish we could help you, but not this time. Call on us again!

Sincerely

Frank M. McGeary

FMMcG/bs

MEMORANDUM 22 April 1963

To: John C Lilly From: Theodor Nelson

ON THE ALLOCATION OF SPACE IN THE NEW BUILDING, IF ANY

You asked me what our space requirements would be for photography in the new building, if any. They are several. The following functions are all necessary: storage of equipment in an accessible manner (shelves or cabinets;) storage of films and slides in safety; space for editing films; space for viewing films and slides; a darkroom; and a place for drying photographic prints.

I believe that amounts to three rooms: a photographic room, a "briefing" room, and a darkroom.

I suggest that the briefing room could be combined with a general meeting room, or with the library. (This might also be a place for the skeleton and dolphin sections, in case Anatomy has no room or desire for them.) This would mean that guests could be instructed in a central place, without disturbing on-going work. If this is to be the library, there ought to be also one or two study carrels (for people who want to go on reading, if the materials are still not allowed to circulate in the building,) and periodicals should be at the "far end," or its equivalent, so guests will not carelessly disarray them. (It must also be possible to project films in the editing room, of course.)

The editing room should be airconditioned and away from wet and dirty areas. If it is to be combined with storage and work-space for picture-taking in a single "photographic room"-- and I should point out that the two functions are rather dissimilar-- the shelves should be near the door, the editing facility and film storage as far away from the door as possible.

The darkroom ought to be big enough for two men to mill around in, or three men to stand still. It needs a worktable for enlarging, a detached worktable or long sink for chemical baths, hot and cold running water, and accessible shelves-- i.e., not so high as the ones in the present darkroom.) Dr. Morgane says he is going to be needing a lot of glossy prints, so in addition there should be another table for an electric print drier.

Talk about the Space Race!

Theodor H. Nelson
CRI. 3908 Main Highway
Miami 33, Florida

23 April 1963

Mr. Frank Essapian
St. Thomas Laboratory

Dear Frank:

You will now, finally, be getting a workprint of Dolphin Sexual Behavior. I must apologize for the delay, some two weeks of which are my responsibility.

Anyway, take your time. Meanwhile I will get negative blades for the splicer and black leader, so as to put your final version in invisible-splice condition. The final sound track will probably have to wait until July (on account of the fiscal-year situation,) but we could start recording the narration, if you want that done up here, any old time. (Critical timing of the track is unimportant in the recording stage, since the final synchronization will be done on a Moviola and any mis-timings corrected then.) If you want to do the narration, record it under nice quiet circumstances, and the sound effects and such music as you may want can be piled on top of that at the dubbing stage. If you want to send a script-- I can sound like a radio announcer-- by all means throw in any details on splashing or music you want. (Hint: I believe no royalty is necessary for Iron Curtain recordings.) The splashing can all be made to match the dolphins' antics.

I can also letter your titles. If you want my own classic serif-type lettering we can save a little time and money, but in case you feel safer with the store-boughten, I can send you an Artype catalog. These are gummed-cellophane letters that can be laid on with a razor blade.

I suggest you just use titles for name of the picture and credits, and put the rest of the information on the sound track.

Note that the A&B-roll system I'm using permits you the use of the following effects: fade in; fade out; dissolve; superimpose white lettering on picture, with fades of either picture or lettering. Single damaged ~~fx~~ frames can also be excised.

You might consider opening with our name, COMMUNICATION RESEARCH INSTITUTE, then fade in picture of the two animals mooning at the camera through the glass. Over that superimpose the title, fade that title as Cheechee squirts at you, fade in "Written and Photographed (or Narrated and Photographed) by Frank Essapian," fade that to the date and other items (narrator if not you, technical credit, etc. I'll fill in the "All rights reserved,"etc.~~"~~) Then begin.

Note that it is possible, if you wish, to repeat shots. But that takes time and (ugh) requisitions. Without that sort of complication, or priority Institute demands, I should be able to have the final A&B assembled a week or less after receiving the final cut. Recording the sound-track shouldn't take more than a week, and then the final dubbing another day (two weeks or so later.) Add two weeks to get back a final print.

If you would like me to send out a feeler to New York University about possible release, I can, or perhaps you'd like that to wait until after you've shown it somewhere.

At your service

Enclosed: instruction sheet showing standard workprint cues.

P.S. If there is any way I could get an exact list from the protocol books of the films that have come up here from you since December -- with dates and names of people, and descriptions of films -- I would be very grateful. I have had to spend a lot of time guessing and re-guessing about the order of these things. Moreover, one can't tell what's happening sometimes-- e.g., is ~~in~~ it raining on Sissy under the lab, or is someone hosing her? Such a list, and a future postcard from each ~~fitting~~ filming session, would be a godsend. Another suggestion: a big-number tear-off calendar under polyethylene by ~~h~~ the Wave Ramp end of the pool.

MEMORANDUM 23 April 1963

To: John C. Lilly From: Theodor H. Nelson

I would like to request a week's leave of absence, to be tacked onto my two weeks' vacation, requested for June.

I left a lot of things with friends upcountry; these friends are now moving, so I x have to take my things back; hence I must drive my truck. The trip both ways is a week, so if I am to get any good out of the trip (not just goods,) I need the extra time.

TN

MEMORANDUM

To: John C. Lilly

From: Theodor H. Nelson

23 April 1963

I would like to request a week's leave of absence, to be tacked onto my two weeks' vacation, requested for June.

I left a lot of things with friends upcountry; these friends are now moving, so I a have to take my things back; hence I must drive my truck. The trip both ways is a week, so it I am to get any good out of the trip (not just goods,) I need the extra time.

TN

TENTATIVE SCHEDULE OF FILM OPERATIONS. Through Summer 1963.

Prepared 24 April 1963.

Flexoline index permits revisions when necessary.

April & May	Measure & catalog (by subject) whole library	1
Late April	Film Closing Sequence, "Man & Dolphin"	2
Mid-May	Make titles & do other artwork for Man & Dolphin	3
Mid-May	Make stills for use in Man and Dolphin	4
First half June	(2 weeks' vacation)	5
Third week June	(1 week's leave-of-absence)	6
End of June	Edit A&B rolls of "Dolphin Sexual Behavior"	7
End of June	Record Narration for Dolphin Sexual Behavior	8
End of June	Order synchronizer with mag head	9
End of June	Order BW workprints of major & selected items	10
End of June	Order Laboratory Opticals for Man and Dolphin	11
End of June	Obtain POSTERITY COPIES of Whole Library, in color	12
First wk July 3d wk July	Edit workprint of Man & Dolphin	13
First half July	Catalog posterity copies of library	14
First half July	Put posterity copies of library on cores	15
Early July	Have Dolphin Sexual Behavior tapes transferred to Mag-16	16
Late July	Revise script of Man & Dolphin	17
Late July	Film needed transitional sequences for Man & Dolphin	18
First week August	Make recordings for Man & Dolphin	19
3d week Aug.	Have Man & Dolphin tapes transferred to Mag-16	20
3d week Aug.	Dub Man & Dolphin	21
3d week Aug.	Dub Dolphin Sexual Behavior	22
3d week Aug.	Order composite sound track for Man & Dolphin	23
End of Aug.	Order final composite approval print of Dolphin Sexual Behavior	24
End of Aug.	Order final composite approval print of Man & Dolphin	25
Mid-Sept.	Delivery of Dolphin Sexual Behavior	26
Mid-Sept.	Delivery of Man and Dolphin	27

MARCH or Apr.

Ted:

Which equipment did we need from this?

JCL suggests we rent from Camera Equipment Corp. of Miami before we purchase large items.

ebl

MARCH or Apr.

Ted

Please check this duplicate film and put the ~~xxxixx~~ film on reels where it is on a core alone.

HUH?

ebl

thanks

Ted

Recd 3 May 6

when these are spliced together, would you let me know so I can arrange a time that Dr. Lilly and I can see them.

Thanks

EBL

Ted Nelson

Division	Section	Date Effective	Date Revised	Page	Bulletin No.
Institute	Admin. Org. Per.	2-1-63	4-1-63	1 of 3	1-100-04

Subject
Requisitions and Work Orders

I. Objective

To establish prompt requisitioning procedure for all purchase of materials, equipment, supplies and services. To ensure prompt delivery to the originator of goods.

II. Forms

Form #105

a. Original - white accounting copy

b. Duplicate - yellow originator's copy

III. Procedure

A. Originator

1. Prepare Form 105

a. Typewrite or print legibly

b. Complete the required data, including:

(1) Project No.: indicate what department (Anatomy, etc.), applicable grant or contract, and Miami or St. Thomas.
(2) Date:
(3) Quantity:
(4) Description: describe article fully, giving all applicable details, i.e., order numbers, codes, stock numbers, etc.
(5) Unit Price: Fill out if current prices are available.
(6) Total: Extend prices if correct unit prices are available.
(7) End Use: describe in detail end use of goods.
(8) Requisitioned by: Originator's name

c. Give the requisition to your laboratory manager.

B. Laboratory Manager

1. Check requisition for completeness.
2. Initial.
3. Forward to Miami Main Office.

Division	Section	Date Effective	Date Revised	Page	Bulletin No.
Institute	Admin. Ops. Per.	2-1-63	4-1-03	1 of 3	I-100-004

Subject

Requisitions and Work Orders

I. Objective

To establish prompt requisitioning procedure for all purchase of materials, equipment, supplies and services. To ensure prompt delivery to the originator of goods.

II. Forms

Form 4105

a. Original - white accounting copy

b. Duplicate - yellow originator's copy

III. Procedure

A. Originator

1. Prepare Form 105

a. Typewrite or print legibly

b. Complete the required data, including:

(1) Project No.: Indicate what department (Anatomy, etc.), applicable grant or contract, and Miami or St. Thomas.
(2) Date:
(3) Quantity:
(4) Description: describe article fully, giving all applicable details, i.e., order numbers, codes, stock numbers, etc.
(5) Unit Price: Fill out if current prices are available.
(6) Total: Extend prices if correct unit prices are available.
(7) End User: describe in detail end use of goods.
(8) Requisitioned by: Originator's name

c. Give the requisition to your laboratory manager.

B. Laboratory Manager

1. Check requisition for completeness.
2. Initial.
3. Forward to Miami Main Office.

* NOTE: St. Thomas

a. When St. Thomas orders goods locally (limit $50 without prior approval):

Type requisition, charge goods and when monthly statement is received (all monthly statements should be mailed to St. Thomas office for goods. St. Thomas orders locally) attach white requisition copy to monthly statement and mail to Miami. Keep yellow copy for St. Thomas files.

* b. When Miami orders goods for St. Thomas:

Type requisition and mail both copies to Miami office for disposition. Miami will mail yellow copy to St. Thomas showing our purchase order number and date goods were ordered. St. Thomas should keep yellow copy for files.

C. Miami Main Office

1. Type Purchase Order Number on requisitions and return yellow copy to Lab manager.

Exception: Note 3a above.

D. Receiving Department (Lab Manager)

1. Miami

a. Upon receipt of goods note yellow requisition copy "Received" and show receival date.

b. Attach receiving slip to yellow requisition copy and return to main office.

2. St. Thomas

a. Goods ordered locally

1. Upon receipt of goods, note white and yellow copy of requisition "Received" and show receival date.

2. Attach receiving slip, and invoice, to white requisition copy and return to Miami.

3. File yellow copy.

Division	Section	Date Effective	Date Revised	Page	Bulletin No.
Institute	Admin.Organ.Per.	1-29-63	4-1-63	2 of 3	I-100-04

Subject
Requisitions and Work Orders

* NOTE: St. Thomas

a. When St. Thomas orders goods locally (limit $50 without prior approval):

Type requisition, charge goods and when monthly statement is received (all monthly statements should be mailed to St. Thomas office for goods. St. Thomas orders locally) attach white requisition copy to monthly statement and mail to Miami. Keep yellow copy for St. Thomas files.

* b. When Miami orders goods for St. Thomas:

Type requisition and mail both copies to Miami office for disposition. Miami will mail yellow copy to St. Thomas showing our purchase order number and date goods were ordered. St. Thomas should keep yellow copy for files.

C. Miami Main Office

1. Type Purchase Order Number on requisitions and return yellow copy to Lab Manager.

Exception: Note 2a above.

D. Receiving Department (Lab Manager)

1. Miami

a. Upon receipt of goods note yellow requisition copy "Received" and show receival date.

b. Attach receiving slip to yellow requisition copy and return to main office:

2. St. Thomas

a. Goods ordered locally

1. Upon receipt of goods, note white and yellow copy of requisition "Received" and show receival date.

2. Attach receiving slip, and invoice, to white requisition copy and return to Miami.

3. File yellow copy.

b. Goods ordered for St. Thomas by Miami

1. Upon receipt of goods in St. Thomas note yellow requisition copy "Received" and show receival date.

2. File yellow copy.

E. Special Instructions - Miami Office

1. Goods ordered by Miami for St. Thomas

a. Upon receipt of goods in Miami, note white requisition copy "Received" and show receival date. Also note date and method of transshipment to St. Thomas.

b. Attach receival slip to white copy.

c. File.

Division	Section	Date Effective	Date Revised	Page	Bulletin No.
Institute	Admin. Organ.Per.	2-1-63	4-1-63	1 of 3	I-100-04

Subject

Requisitions and Work Orders

b. Goods ordered for St. Thomas by Miami

1. Upon receipt of goods in St. Thomas note yellow requisition copy "Received" and show receival date.

2. File yellow copy.

E. Special Instructions - Miami Office

1. Goods ordered by Miami for St. Thomas

a. Upon receipt of goods in Miami, note white requisition copy "Received" and show receival date. Also note date and method of transshipment to St. Thomas.

b. Attach receival slip to white copy.

c. File.

T. Nelson

TO ALL EMPLOYEES, MIAMI AND ST. THOMAS

This is a reminder of the Institute policy which states no photographs are to be taken of the animals, facilities, or activities in the laboratory by employees for their personal use.

Your cooperation in complying with this policy will be appreciated.

JOHN C. LILLY, M. D.
DIRECTOR

TO ALL EMPLOYEES, MIAMI AND ST. THOMAS

This is a reminder of the Institute policy which states no photographs are to be taken of the animals, facilities, or activities in the laboratory by employees for their personal use.

Your cooperation in complying with this policy will be appreciated.

JOHN C. LILLY, M. D.
DIRECTOR

COMMUNICATION RESEARCH INSTITUTE POLICY REGARDING PHOTOGRAPHS AND MOTION PICTURES

The policy of the Institute in regard to release of photographic records including still photographs and motion pictures is as follows:

The release for publication of any photograph or motion picture taken of experiments, techniques, apparatus, individual animals or groups of animals, physical facilities, personnel carrying on their duties within the Institute, etc., is a matter to be decided by the Executive Director. He is guided by the following considerations:

The Institute is a scientific research organization devoted to the study of the dolphins. Scientific publication of pictures takes precedent over all other considerations. Priority is to be given to scientific publications over other forms of publication. Until a picture has been published in a book or in a scientific journal, its use for other types of publication must be severely restricted. Once a photograph of a given new experiment, discovery, or animal is published in a scientific journal, then its uses for other purposes will be considered by the Executive Director.

A photograph is not considered a scientific work of itself except in very special cases. All photographs taken in the laboratory are subsidiary to a particular project or program and are to be treated as such. None of the above photographs shall be released for use by newspapers, magazines, or books without specific written authorization from the Executive Director. No photographs shall be taken of animals, experiments, apparatus or personnel of the Institute without express authorization by the Executive Director and written agreement of their end-use between the photographer and the Executive Director.

JOHN C. LILLY, M. D.
DIRECTOR

DATE: 1 June 1961

COMMUNICATION RESEARCH INSTITUTE POLICY REGARDING PHOTOGRAPHS
AND MOTION PICTURES

The policy of the Institute in regard to release of photographic records including still photographs and motion pictures is as follows:

The release for publication of any photograph or motion picture taken of experiments, techniques, apparatus, individual animals or groups of animals, physical facilities, personnel carrying on their duties within the Institute, etc., is a matter to be decided by the Executive Director. He is guided by the following considerations:

The Institute is a scientific research organization devoted to the study of the dolphins. Scientific publication of pictures takes precedent over all other considerations. Priority is to be given to scientific publications over other forms of publication. Until a picture has been published in a book or in a scientific journal, its use for other types of publication must be severely restricted. Once a photograph of a given new experiment, discovery, or animal is published in a scientific journal, then its uses for other purposes will be considered by the Executive Director.

A photograph is not considered a scientific work of itself except in very special cases. All photographs taken in the laboratory are subsidiary to a particular project or program and are to be treated as such. None of the above photographs shall be released for use by newspapers, magazines, or books without specific written authorization from the Executive Director. No photographs shall be taken of animals, experiments, apparatus or personnel of the Institute without express authorization by the Executive Director and written agreement of their end-use between the photographer and the Executive Director.

JOHN C. LILLY, M. D.
DIRECTOR

DATE: 1 June 1961

4/22/63.

Take last shots of Interior from this reel & add to beginning of Reel marked People Dolphins & make Part I of that Reel —

This reel to be labeled "Histric Scientific"

"S-1. Show Emptying of pool & Covering pool"

NO DUPE TO BE MADE OF THIS REEL

JCL.

E. B. Lilly

MEMO TO JCL (type Wednesday)

I am dismayed by a memorandum of ~~—~~ together with

giving me specific instructions about what to do, as well as the tearing of labels off film cans which were for my own reference.

I feel that the removal & rearrangement of my (labels) indicates great grave disrepect for my efforts. It is like ~~COMPARABLE TO~~ DUMPING A FILE CABINET ON THE FLOOR. the contents

I am eager to prepare whatever films are currently wanted, but I hope I am not alone in my concern for the good order of this collection in years to come: a commodity which requires concern now.

INVENTORY THIS WEEK

I have for the last couple of weeks been trying to restore order lost by just such methods as these.

Memorandum

24 April 1963 [actually 6 May]

To: John C. Lilly

From: Ted Nelson

I am dismayed at having labels which were for my use torn off the film-cans, and receiving detailed instructions for editing which take no account of my xxxxxx design for a film library.

I have every wish to set things up as you want them, but it is against the Institute's best interests to make quick changes without regard to the general system.

Communication Research Institute

3908 MAIN HIGHWAY
COCONUT GROVE 33, FLORIDA

DATE: 13 May 1963

TO: Tdd Nelson

FROM: Phyllis

☐ APPROVAL ☐ REVIEW ☐ PER CONVERSATION
☐ SIGNATURE ☐ NOTE AND SEE ME ☐ AS REQUESTED
☐ COMMENT ☐ NOTE AND RETURN ☐ NECESSARY ACTION
☐ FOR YOUR INFORMATION
☐ PREPARE REPLY FOR SIGNATURE OF

REMARKS: The Post Office will not take the film the way it is presently packed. Don't you have another container for the film?

Form 107

MEMORANDUM 6 May 1963

To: John C. Lilly From: Ted Nelson

Attached is my tentative schedule for the summer's work, I may be able to do more, but I will set a lean schedule with clearx priorities and see what else can be fit in.

The most time-consuming and picky job is the measurement, codification and cataloguing of the films, but I take that to be the most important, since everything else follows from it. Editing is much quicker.

I have finally gotten clear in my mind the way we will have to work this film library thing, and will send a letter to Kubie shortly. What stumped me on the systems decisions was that it is so much simpler and easier to have a ~~xx~~ single Monolithic method of doing things, and I was trying to work out some way of storing all the films in the same form, providing viewing and safety copies, and still being able to obtain second-generation prints from the film library ad libitum in the future. Now I have decided it can't be done. Rather, we will have to have a Polylithic system, with some things copied cheaply, some things copied expensively, some things in negative, and some things perhaps in black-and-white. Although this is regrettable, the experience in logging and measuring showed me that it is feasible: measurement, and the labeling and sorting of materials, is very quick and extremely informative, leading to much easier handling.

I am now going to view all the films again, and write down their contents. When these lists are typed up, I'll rent the synchronizer again, log in the lengths, and separate the materials by subject, interest and quality. Then, when we hear from Kubie, we can perhaps have appropriate copies made. Moreover, the sections will be already numbered and measured when the new fiscal year makes it possible to get the rest of the workprints I need for this summer.

I would like to call to your attention, in this connection, that the Magnastriped print of the "Selects" reel is the best copy. For this reason I think it should be regarded henceforth as the Original, and broken up into cores as described above. If this meets with your approval we can put the striped sound on tape, so it won't be lost. I presume that much of what's on the track should end up in Man and Dolphin, anyway.

On the schedule are two pictures, Dolphin Sexual Behavior and Man and Dolphin. The first is being edited in workprint by Frank Essapian. My part of that job is purely technical, and I believe quick and simple. Man and Dolphin is my job. The difficult part is not editing the movie, or doing the sound track, but 'pre-editing' the material to decide what's worth workprinting, and shunting that back and forth to labs. The good order of the Film Library (not yet achieved) is thus severally necessary.

I ~~xxxxxxxx~~ rather think that other pictures can be made concurrently, assuming workprints are available for enough of our footage. (Handling originals, because of the precautions involved, takes much longer.) That is to be seen, anyhow.

Ted Nelson

Division	Section	Date Effective	Date Revised	Page	Bulletin No.
Institute	Admin.Org.Per.	4-23-63	4-23-63	1 of 1	1-100-09

Subject

Travel Authorization

I. OBJECTIVE

To establish a method for review and approval of travel needs, and attendance at meetings.

II. RESPONSIBILITY

It will be the responsibility of each individual planning a trip to submit a typed request for authorization outlining the details of the trip. Description should include purpose, objectives, locations, interval of trip, airfare, and anticipated total cost. Include a list of planned meetings and personnel contacts.

III. FORMS

Use standard 8½" x 11" paper.

IV. PROCEDURE

Request for travel must be approved only by the Director. Proposal should be processed through your immediate supervisor, who should forward to the Director. Proposal must be submitted:

a. U. S. Travel: 2 weeks prior to departure

b. Foreign: 8 weeks prior to departure

V. SPECIAL INSTRUCTIONS

A. Only second class fares will be allowed. If the employee certifies that second-class space was not available at the proposed departure time, first-class would be justified.

Division	Section	Date Effective	Date Revised	Page	Bulletin No.
Institute	Admin.Ofc.Per.	4-23-63	4-23-63	1 of 1	I-100-05

Subject

Travel Authorization

I. OBJECTIVE

To establish a method for review and approval of travel needs, and attendance at meetings.

II. RESPONSIBILITY

It will be the responsibility of each individual planning a trip to submit a typed request for authorization outlining the details of the trip. Description should include purpose, objectives, locations, interval of trip, airfare, and anticipated total cost. Include a list of planned meetings and personnel contacts.

III. FORMS

Use standard 8½" x 11" paper.

IV. PROCEDURE

Request for travel must be approved only by the Director. Proposal should be processed through your immediate supervisor, who should forward to the Director. Proposal must be submitted:

a. U. S. Travel: 2 weeks prior to departure

b. Foreign: 8 weeks prior to departure

V. SPECIAL INSTRUCTIONS

A. Only second class fares will be allowed. If the employee certifies that second-class space was not available at the proposed departure time, first-class would be justified.

Ted Nelson, Film Dept.
Communication Research Institute
3908 Main Highway
Miami 33, Florida

9 May 1963

Motion Picture Laboratory
781 South Main Street
Memphis 2, Tennessee

Dear sirs:

Pursuant to our phone chat last week, here are the two prints you made of "St. Thomas Laboratory." The black and white print is numbered right, and the color print is numbered wrong.

Thank you for fixing it.

Ted Nelson

Ted Nelson, Film Dept.
Communication Research Institute
3308 Main Highway
Miami 33, Florida

9 May 1963

Motion Picture Laboratory
781 South Main Street
Memphis 2, Tennessee

Dear sirs:

Pursuant to our phone chat last week, here are the two prints you made of "St. Thomas Laboratory." The black and white print is numbered right, and the color print is numbered wrong.

Thank you for fixing it.

SHERMAN GRINBERG FILM LIBRARIES, INC.
1438 North Gower Street/Hollywood 28, California/HOllywood 4-7491 | 245 West Fifty-Fifth Street/New York 19, New York/JUdson 6-8750

ADDRESS YOUR REPLY TO:
245 West 55th Street

March 4, 1963

Mr. Tom Nelson
CommunicationResearch Institute
3908 Main Highway
Miami 33, Florida

Dear Mr. Nelson:

In answer to your inquiry regarding material on Dolphins from our library.

We do have a small amount of footage on Dolphins, this material would be in Black and White.

Thank you for your inquiry, if we can be of further help to you in your film needs please let me know.

Sincerely yours,

SHERMAN GRINBERG
FILM LIBRARIES, INC.

Erna Dezso

Erna Dezso, Librarian

Ted Nelson, Film Dept.
CRI, Miami.

12 May 1963

Frank Essapian
St. Thomas Lab.

Dear Frank:

Dr. Lilly has asked me to send you the most recent St. Thomas footage to see it for yourselves. Perhaps my few suggestions may help.

In the first place, there seems to be something wrong with the camera. This will be obvious when you look at the movies. The exposure-gimmick starts opening and closing the diaphragm for no apparent reason during a shot, even when there is no change in the scene's brightness. Dr. Lilly suggests that the batteries are dying, but I bet it's worse.

Also noticeable is a flickering horizontal line about 1/10 down the screen from the top. In my estimation this is something wrong with the shutter, although it might be reflections in the optics, stray light to the frame that is not yet in the film gate, or something else. In any case the camera needs adjustment.

The labeling made it much easier to put these films in order, and is a great help. I would, however, make some suggestions. (1) Only the shortest burst of film is necessary. One frame would do if I would see it go by on the screen; five frames appears to be the minimum necessary to make it noticeable. (I then stop it on the screen and copy it anyway.) (2) The arrangement of information in the later titles is inconvenient. There is no reason to say whether the pool is ourdoor or indoor; this is always evident. On the other hand, it is not always evident who the <u>people</u> are. It would be nice if this could be displayed. And all the information about what is <u>not</u> in the picture is confusing. I would suggest a permanent painted board with names of animals and staff. These could be either marked with red tabs (instead of checkmarks,) or (better) coverable with shutters or hinged flaps ~~xix~~ when the information does not apply. In addition, a tear-off calendar would probably

be convenient. This would permit saving the blackboard for unusual information, like names of visitors around the pool.

As to the films themselves, I see several types of problems.

(1) What Dr. Lilly calls "Garden-Hose" shots-- moving the camera around haphazardly to cover everything. This includes pans-- we might call them "roams"-- that move around and never stop; and slight changes of camera position during a shot. These are quite wearing to watch.

I think moving-camera shots need certain restrictions to be satisfactory or effective. One of these is always to begin with the camera held still for a second or more, then pan, and then make the camera still again for a couple of seconds more.

The exceptions to this are A) for jumbled montage sequences, and those in which the sense of a great deal of action is to be conveyed, and B) where editing can reliably be expected to place this motion in a continuity. But the photographer might as well start and stop from a fixed position, and leave these choices to the editor. (This is true even if the photographer and editor are the same person, since the editor knows more in any case. He has the films in front of him.)

(2) Slight changes of camera angle. When the action stays within the original frame, I do not think the camera should be moved once the shot has begun. (Exceptions: when one wishes to draw attention to something not originally in the shot, or not originally conspicuous.) The consequent jumpiness of it usually outweighs any improvement in composition.

(3) Unusually short shots. In looking at a still photography, the viewer can usually decide how long he wants to look at a picture; with movies, this has to be decided for him. Shots under four seconds are of very little use. In the footage from St. Thomas there have been several of these. There have also been quite a few "afterthought" shots, where the position of an animal jumps a few inches on the screen, and the motion goes on from there. These latter portions are useless in connection with the previous shot: either they are shots in themselves (in which case they cannot, in decent continuity, immediately follow the preceding shot anyway,) or they are waste footage. When in doubt about an animal's actions, I think the thing to do is continue shooting. Afterthoughts are useless, unless given status as separate shots, with sufficient length, in themselves.

I hope these remarks will be of use to you.

Best wishes, Ted

P.S. Is there any hope of getting past shooting notes from protocol books? The order of films from December to early April is still quite dubious.

General Memorandum

16 May 1963

To: Alice Miller
Dan Locke
George Hunt
(Frank Essaplan)

From: Film Department

(Since everyone is taking pictures, Mrs. Lilly has suggested I send you all a copy of the following note, originally in a letter to Frank Essaplan. X No criticism of individuals is intended.)

Dr. Lilly has asked me to send you the most recent St. Thomas footage to see it for yourselves. Perhaps my few suggestions may help.

In the first place, there seems to be something wrong with the camera. This will be obvious when you look at the movies. The exposure-gimmick starts opening and closing the diaphragm for no apparent reason during a shot, even when there is no change in the scene's brightness. Dr. Lilly suggests that the batteries are dying, but I bet it's worse.

Also noticeable is a flickering horizontal line about 1/10 down the screen from the top. In my estimation this is something wrong with the shutter, although it might be reflections in the optics, stray light to the frame that is not yet in the film gate, or something else. In any case the camera needs adjustment.

⋮

signed: Joel Nelson.

[No 'best wishes.' No post scr. p.]

MEMO TO: FRANK ESSAPIAN 31 May

FROM: TN

DOLPHIN SEXUAL BEHAVIOR. Scene breakdown.

I. SET SHOTS, MARINELAND. (These I don't have, and await from you. But if you have them in black-and-white at 16 fps, it would need expansion, which costs money and takes more time. Note that we might also use stock footage available from Seaquarium. I have a few stock shots in color, not very good. Possibly the best thing would be for me to go shoot some in color at the Seaquarium, last week in June.)

II. Intercourse between dolphin baby and mother. In one long shot he manages to hang on while she turns away from him. (It might be fun to mention their names, Mrs. Jones and Floyd.) Stenella swims by.

III. Baby goes and copulates with stenella. (Very short sequence.)

IV. Anal coitus between two babies.

V. Cheechee waiting alone in pool.

VI. Elvar noses up the door, scoots through, turns, closes the door.

VII. Elvar attempts to copulate with Cheechee. He temporarily makes do with peduncle or flipper (to be decided on considerations of smoothness of sequence.)

VIII. The two animals end up with heads out of water, look at each other and around. They snuggle. Elvar nibbles his tail. He briefly encircles Cheechee. (I suggest that here your conjecture about the lack of "courtship" causing his failure might be appropriate.)

IX. More attempts at intromission! No score. Peduncle or flipper (whichever was not used before) serves as a substitute.

X. The animals rest again, and squirt at the camera.

Theodor H. Nelson
Communication Research Institute
3908 Main Highway
Miami 33, Florida

31 May 1963

Dr. Lawrence Kubie

Dear Larry:

My pardons for taking so long on this matter of duplicating films, but these turn out to be very complicated matters.

After protracted study I have found that the system of merely making duplicates of our footage would not do very much good. For protection, for our present purposes, and for posterity's miscellaneous uses, what we really need is r mixed protective system of different kinds of copies for different kinds of footage. This would cost between $1000 and $1300.

If you are interested in the details of the problems and reasoning, I will be glad to send you a copy of my report to Dr. Lilly. It will be done about the first of July, ~~when~~ a week after I get back from my vacation.

I will be seeing my mother fairly soon, and will transmit your best wishes, if you haven't had a chance to do so. And my best wishes to you.